

20030120.ba v03_n436.bam.20030120

>From ???@??? Mon Jan 20 11:14:13 2003 -0600
Message-Id: <200301201714.h0KHE80q010714@sco.theporch.com>
Date: Mon, 20 Jan 2003 11:13:55 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3436

BOATANCHORS Digest 3436

Topics covered in this issue include:

- 1) =?ISO-8859-1?Q?Geo._Orwell_Was_Right=B1_=3F=3F?=
by Jim321@webtv.net
- 2) Re: Homebrew Transmitter-Anyone Ever Seen This Circuit?
by "John Hurst" <hurstjsj@gte.net>
- 3) Re: 40's era chassis plating
by WA1KBQ@aol.com
- 4) Knob Inlays
by Bob Kemp <bkemp@bobkemp.com>
- 5) Somewhat "off topic"
by "Sandy W5TVW" <ebjr@i-55.com>
- 6) loctal tube sockets
by "Jack Antonio" <scr-287@sbcglobal.net>
- 7) WTB: QS 75/20 tube for Marconi Atalanta
by "Jon Pevner" <jpevner@charter.net>
- 8) RE: QS 75/20 tube for Marconi Atalanta
by "WF2U" <wf2u@starband.net>
- 9) Re: Poptronics RIP
by "Hue Miller" <kargo_cult@msn.com>
- 10) Re: General Radio Wavemeter
by W0EOM@aol.com
- 11) SWAN VOX ADD ON.
by jackiv@juno.com
- 12) Re: Collins 18S-4 Info Wanted
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 13) FS: Hallicrafters S-meter
by John Kolb <jlkolb@cts.com>
- 14) *****Re: Poptronics RIP
by "ed sharpe" <esharpe@uswest.net>
- 15) Re: *****Re: Poptronics RIP
by W7QH0@aol.com
- 16) Re: *****Re: Poptronics RIP
by Paul Beckwith <beckrep@citlink.net>
- 17) Popular Electronics..
by "Herbert M. Rosenthal" <herbrose@comcast.net>
- 18) Re: Popular Electronics..

- by Jack Harper <jharper@bsi2000.com>
- 19) Re: Popular Electronics.. PC'76 & Apple I
by John Dilks - K2TQN <oldradio@worldnet.att.net>
- 20) Re: Popular Electronics..
by Jack Harper <jharper@bsi2000.com>
- 21) Popular Electronics
by Smith <smithab11@comcast.net>
- 22) Re: Popular Electronics
by Al Klase <skywaves@bw.webex.net>
- 23) Re: Popular Electronics
by Robert Lawson <w4rl@bellsouth.net>
- 24) Nems-Clarke (Vitro) history
by Tom B <tbryan@nova.org>

From: Jim321@webtv.net
Date: Sat, 18 Jan 2003 21:41:10 -0800 (PST)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: =?ISO-8859-1?Q?Geo._Orwell_Was_Right=B1_3F=3F?=
Message-ID: <23037-3E2A3A76-5532@storefull-2355.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=ISO-8859-1
Content-Transfer-Encoding: Quoted-Printable
MIME-Version: 1.0 (WebTV)

Howdy Anchorites: Appears that 'Ole George Orwell was correct, but
time-wise off by more than 20=B1 years. Jim S. (IMNSHO)

Message-ID: <004e01c2bf7d\$d86e4e00\$d2f23418@userr94oc8a3ml>
From: "John Hurst" <hurstjsj@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Homebrew Transmitter-Anyone Ever Seen This Circuit?
Date: Sat, 18 Jan 2003 21:44:33 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Sonar SRT-120 also uses a 5894.
John, KU6X

From: WA1KBQ@aol.com
Message-ID: <19d.f86ab51.2b5bf818@aol.com>
Date: Sun, 19 Jan 2003 07:46:16 EST
Subject: Re: 40's era chassis plating

To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The Chassis were Cadmium plated with what the platers call "Clear Cad." Cadmium plating is getting to be a little hard to find these days with bright zinc being accepted and used more now in its place. If you call around you should still be able to find someone that still offers it if not locally. In my opinion bright zinc would not look right if restoration is your goal. I often send parts out from projects here to get fresh cad plating as it makes the job finish up much nicer. From my experience I would recommend that you work the surface of your chassis first to polish out the roughness from the sandblast because it will show through the new cad plating. Surface preparation will have a direct bearing on appearance and finished results.

Regards,
Greg Gore

Message-ID: <3E2AA29C.10908@bobkemp.com>
Date: Sun, 19 Jan 2003 07:05:32 -0600
From: Bob Kemp <bkemp@bobkemp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Knob Inlays
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Does Charlie Talbot still do the knob inlays...getting no response from an email address I had!
Bob.

Message-ID: <000001c2bfc9\$92da31a0\$8e9ecdd1@ebjr>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Somewhat "off topic"
Date: Sat, 18 Jan 2003 21:18:23 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone out there have a layout of the "pots" PCB in the Daiwa CN-801 Wattmeter?
I just got one in great shape at a hamfest but it is slightly off and needs

recalibration.

Need to find out which pots are for which ranges! (So I can make it agree with my "Bird" standard.)

73,

Sandy W5TVW

Message-ID: <002301c2bfdc\$076a1be0\$6501a8c0@scr274n>

From: "Jack Antonio" <scr-287@sbcglobal.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: loctal tube sockets

Date: Sun, 19 Jan 2003 08:58:44 -0800

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi all

Anyone have, or know of a source of, a quantity of loctal tube sockets? Used sockets are OK. As a matter of fact, I already have some taken out of a hacked up BC-646.

I could use about a dozen or so.

There is a lot of 165 over on that auction place, but that is ten times the amount I would ever need.

Thanks

Jack Antonio WA7DIA

scr-287@sbcglobal.net

Message-ID: <003b01c2bfeb\$559a98d0\$6501a8c0@andromeda>

From: "Jon Pevner" <jpevner@charter.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: WTB: QS 75/20 tube for Marconi Atalanta

Date: Sun, 19 Jan 2003 13:48:19 -0500

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks;

I am attempting to restore a Marconi Atalanta. I need an odd voltage regulator tube. This is 75 volts @ 20 mils in a "0A2" style package. I don't know of any equivalents, and I think this tube was only made by Marconi itself. If anybody has a loose one lying around, or knows where I can get one, I'll be grateful. For now, the previous owner had put some zeners in there, but I want to return to hollow-state.
p.s. If anyone has any knowledge of this rig, or working experience with one, I'm quite interested.

73 de N1LIS (Jon)

From: "WF2U" <wf2u@starband.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: QS 75/20 tube for Marconi Atalanta
Date: Sun, 19 Jan 2003 14:11:40 -0500
Message-ID: <NABBLNEJDDKECLKHCAAPMEDIILAA.wf2u@starband.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jon,

I own a Marconi Atalanta. I bought it from someone in the UK and had it shipped to the US. I got it in excellent working and cosmetic condition.

If you can't find the regulator tube (I didn't have to replace mine yet), you can substitute a Zener diode for the voltage regulator. 75 V at 20 mA is 1.5 W, so to play it safe, you can get a 75V, 5 W Zener diode or connect a combination of other voltage, 5 W Zeners in series, so they add up to 75 V.

I love my Atalanta, receiver - it's an excellent receiver and I like the looks of it. BTW I collect commercial maritime HF receivers from the tube era.

Do you have the manual for the receiver? If you don't, I know the source where you can rent a manual and copy it. That's how I got my manual.

73, Meir WF2U

Landrum, SC

-----Original Message-----

From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com] On Behalf Of Jon Pevner

Folks;

I am attempting to restore a Marconi Atalanta. I need an odd voltage regulator tube. This is 75 volts @ 20 mils in a "0A2" style package. I don't know of any equivalents, and I think this tube was only made by Marconi itself. If anybody has a loose one lying around, or knows where I can get one, I'll be grateful. For now, the previous owner had put some zeners in there, but I want to return to hollow-state.
p.s. If anyone has any knowledge of this rig, or working experience with one, I'm quite interested.

73 de N1LIS (Jon)

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Poptronics RIP
Date: Sun, 19 Jan 2003 03:49:53 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E61wSJJ2lv8LQPxrWX0001b389@hotmail.com>

----- Original Message -----

From: "Don Davis" <dxguy@earthlink.net>

According to the ARRL site, Poptronics just ceased publishing. Jan 03 was last issue, and they plan something for the internet.

Poptronics was an old friend in the early 60s. I'd take my allowance every month & buy Popular Electronics and EI. Would read every word cover to cover. Several times!

Oh! So it's really true.

Seems maybe the trend is increasingly, to publish only electronically. The

upside would be that it becomes
easier to get into print. Hoarding instinct may be appeased by buying the
yearly CD compilations.
Sure will cut down on the bad habit of restroom reading.

"Times change and we change with them".
(Got to ask my mother again, how this saying reads in the original Latin.)
Hue Miller

From: W0EOM@aol.com
Message-ID: <1a1.f50a7ae.2b5c7b49@aol.com>
Date: Sun, 19 Jan 2003 17:06:01 EST
Subject: Re: General Radio Wavemeter
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1a1.f50a7ae.2b5c7b49_boundary"

--part1_1a1.f50a7ae.2b5c7b49_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A1 - the 358 calib. charts were mounted on a metal backing and were loose
in the box.

Will

--part1_1a1.f50a7ae.2b5c7b49_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *

* ---REMAINDER OF MESSAGE TRUNCATED--- *

* This post contains a forbidden message format *

* (such as an attached file, a v-card, HTML formatting) *

* Mail Lists at theporch.com only accept PLAIN TEXT *

* If your postings display this message your mail program *

* is not set to send PLAIN TEXT ONLY and needs adjusting *

* * * * *

--part1_1a1.f50a7ae.2b5c7b49_boundary--

To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 19 Jan 2003 18:32:28 -0600
Subject: SWAN VOX ADD ON.
Message-ID: <20030119.183255.3104.0.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: jackiv@juno.com

I have a new in the box with installation data for the plug in VOX unit,

this is for the 250, 350 500.

The unit appears to be unused as the attaching tab has not been

marked by a screw. \$32.00 shipped to the lower 48

also a swan 350 will be broken up, what do you need, the 7360 tests good.

jack jackiv@juno.com

Date: Sun, 19 Jan 2003 23:24:29 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200301200424.XAA07562@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Collins 18S-4 Info Wanted

Is that the beaut that's abt 18" x 7" x 24" with a dyno the size of a
nail keg with an 813 & 2 811s? Gut-buster to lift.

If so, it's a the HF brute fm ~'47 for DC6s & Connies. Intended to
short-ckt. use of ART-13s & R105s fm surplus since 1 box. Became 618S
embodiement with 3 6146s in final & 2 in modulator. Finally 618S2
as a ssb set.

That's my gess

Now service me! Anyone have poop on Collins 18I(or J)4 plus 450C3 p-s.
This is a 9m tx for cop cars with an 807 & 4 6V6s & a 6J5.
450C is a vibrapack house for 3 of same.

Tech stuff wud be OK, tho have schemat. Better wud be sales lit - love
to see how poleeces marketed in dawn of 2-way radio... & end of 1-way
"calling all cars era"

Collins refl. useless for this stuff. But if you want to know who
soldered up ur 455J05 'A4 filter @ the factory, go there.

Marty

Date: Sun, 19 Jan 2003 20:41:12 -0800 (PST)
From: John Kolb <jlkolb@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Hallicrafters S-meter
Message-ID: <Pine.BSF.4.44.0301192040300.86658-100000@king.cts.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hallicrafters S-meter as used on SX-96, SX-99, SX-100,
etc. Moves backwards from full scale. 5 mA sensitivity,
tested. Some scuff marks and light scratches on face -
should polish out with some elbow grease. \$15 including
priority mail postage.

John KK6IL

Date: Sun, 19 Jan 2003 22:42:41 -0700
Message-ID: <005001c2c046\$c0bde7b0\$0100a8c0@SONYDIGITALED>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: *****Re: Poptronics RIP
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Indeed!

Sorry it will be gone, It was a constant source of news and inspiration to
me a young lad in the 60's.

ed sharpe archivist for smecc

----- Original Message -----

From: "Don Davis" <dxguy@earthlink.net>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Saturday, January 18, 2003 2:52 AM

Subject: Poptronics RIP

According to the ARRL site, Poptronics just ceased publishing. Jan 03 was last issue, and they plan something for the internet.

Poptronics was an old friend in the early 60s. I'd take my allowance every month & buy Popular Electronics and EI. Would read every word cover to cover. Several times!

RIP

73s

Don AD6PB

From: W7QHO@aol.com

Message-ID: <e.2b974b71.2b5cecd1@aol.com>

Date: Mon, 20 Jan 2003 01:10:25 EST

Subject: Re: *****Re: Poptronics RIP

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative; boundary="part1_e.2b974b71.2b5cecd1_boundary"

--part1_e.2b974b71.2b5cecd1_boundary

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

All

FYI, a web search on "Poptronics" gave the following:

POPTRONICS.COM WE ARE REMODELING. PLEASE BE PATIENT WITH US. CHECK BACK IN A COUPLE OF DAYS. ALL FUNCTIONALITY WILL BE AVAILABLE SOON. ...

<http://www.gernsback.com/>

???

Dennis D. W7QHO

Glendale, CA

--part1_e.2b974b71.2b5cecd1_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_e.2b974b71.2b5cecd1_boundary--

Message-Id: <5.0.0.25.2.20030119231807.01f080c0@pop3.citlink.net>
Date: Sun, 19 Jan 2003 23:19:39 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Beckwith <beckrep@citlink.net>
Subject: Re: *****Re: Poptronics RIP
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I was another one that read Popular Electronics from cover to cover in the 50's and 60's. Sure learned a lot and they had some fun circuits.

Paul K2LMQ

Date: Mon, 20 Jan 2003 07:42:54 -0700
From: "Herbert M. Rosenthal" <herbrose@comcast.net>
Subject: Popular Electronics..
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3E2C0AEC.83E7F732@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

... and don't forget, it was a cover feature article announcing the ALTAIR "Digital Computer" kit that is credited for kicking the wheel of personal computers. It was a clumsy thing with rows of mini-toggles and LEDs.

Made here in Albuquerque, I believe. I saw several unused empty panels and cabinets at the weekly flea market about 10 years ago.

Does anyone have a copy of this issue who would kindly scan and post the cover?
Or know where it is posted now? It has been a LONG time since I've seen it.

Herb Rosenthal W5AN
Albuquerque

Message-Id: <4.1.20030120075528.0198ef90@mail.bsi2000.com>
Date: Mon, 20 Jan 2003 07:58:00 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Re: Popular Electronics..
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:42 1/20/2003 -0700, Herb W5AN wrote:
>... and don't forget, it was a cover feature article announcing the ALTAIR
>"Digital Computer" kit that is credited for kicking the wheel of personal
>computers. It was a clumsy thing with rows of mini-toggles and LEDs.

I vividly remember seeing that issue -- it was, I think, the January 1976
issue...

I occasionally see a copy for sale on eBay...

Regards to the List,

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303.231.9095
BSI2000, Inc.
Denver, Colorado USA

<http://www.bsi2000.com> (Last Update: 030115)

Message-Id: <5.1.1.6.0.20030120095315.02230520@ipostoffice.worldnet.att.net>
Date: Mon, 20 Jan 2003 10:17:16 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks - K2TQN <oldradio@worldnet.att.net>
Subject: Re: Popular Electronics.. PC'76 & Apple I

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:42 AM 1/20/03 -0700, you wrote:

>a cover feature article announcing the ALTAIR"Digital Computer" kit

>Does anyone have a copy of this issue who would kindly scan and post the
>cover?

> Or know where it is posted now? It has been a LONG time since I've seen it.

Hi Herb and all,

Here's one place for PopElec 1975:

<http://www.thocp.net/hardware/altair.htm>

another

<http://www.digibarn.com/collections/ads/altair-pejune1975/>

about John Dilks, PC'76, Apple I, Jobs - Altair wasn't there but IMSAI was

<http://www.computerworld.com/news/1999/story/0,11280,36291,00.html>

73' John Dilks

K2TQN

Message-Id: <4.1.20030120084154.01a02f18@mail.bsi2000.com>

Date: Mon, 20 Jan 2003 08:44:29 -0700

To: Old Tube Radios <boatanchors@theporch.com>

From: Jack Harper <jharper@bsi2000.com>

Subject: Re: Popular Electronics..

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 07:58 1/20/2003 -0700, you wrote:

>At 07:42 1/20/2003 -0700, Jack W0YJ partially erroneously wrote:

>I vividly remember seeing that issue -- it was, I think, the January 1976
>issue...

Oops -- John, K2TQN is right -- it was, of course, January 1975...

Regards to the List,

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303.231.9095
BSI2000, Inc.
Denver, Colorado USA

<http://www.bsi2000.com> (Last Update: 030115)

Date: Mon, 20 Jan 2003 10:43:53 -0500
From: Smith <smithab11@comcast.net>
Subject: Popular Electronics
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <002c01c2c09a\$bca19d80\$daf22144@dover01.de.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Popular Electronics was a great magazine in the 1950's , the same physical size as QST(before it changed in size). The construction articles were first rate and usually included a very detailed pictorial which made things easy for a teenager that didn't have a Elmer. And speaking of teenagers, don't forget the episodes of those two partners in crime, I think one of the names was Terry.

Breck k4che

Message-ID: <3E2C201F.1020809@bw.webex.net>
Date: Mon, 20 Jan 2003 11:13:19 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Popular Electronics
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Smith wrote:

..... And speaking of teenagers,
> don't forget the episodes of those two partners in crime, I think one of
> the names was Terry.
>

Breck,

I think thet was Carl and Jerry.

Regards,
Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-ID: <3E2C4094.999C42BA@bellsouth.net>
Date: Mon, 20 Jan 2003 10:31:49 -0800
From: Robert Lawson <w4rl@bellsouth.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Popular Electronics
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Breck,

I agree with you. And I add that my most memorable Popular Electronics item that I still have, if fact hanging in a frame on my shack's wall above my operating position, is my original Popular Electronics "Short-Wave Monitor" Certificate of Registration dated 07/16/62 with my call WPE4FGR. I wonder how many of us still have our certificates?

Being able to have had a monthly copy of PE back in the 60's has produced fond memories many times over my adult years in this hobby. No complaints from this op.

Reading PE tucked down between the pages of a boring literature book like 'Silas Marner' (sp) in 8th grade English class would really get me through that class period and then I'd go to shop class in hi cotton. HI

Regards,

Robert WPE4FGR W4RL Pensacola Florida

PS I'm having new qsl cards made and I think I will include my PE callsign.

Smith wrote:

> Popular Electronics was a great magazine in the 1950's , the same physical
> size as QST(before it changed in size). The construction articles were
> first rate and usually included a very detailed pictorial which made things

> easy for a teenager that didn't have a Elmer. And speaking of teenagers,
> don't forget the episodes of those two partners in crime, I think one of
> the names was Terry.
>
> Breck k4che

Message-Id: <3.0.6.32.20030120122527.0339a170@mail.nova.org>
Date: Mon, 20 Jan 2003 12:25:27 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom B <tbryan@nova.org>
Subject: Nems-Clarke (Vitro) history
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All,

I was looking up some information on a Nems-Clarke reciever and found a brief company history of Nems-Clarke Vitro in a 1961 Vitro catalog. I thought I would share it with you. This is scanned from the catalog so if you see any typos, let me know.

Tom Bryan

=====
Vitro Electronics is pleased to present its 1961 CATALOG. The publication of this comprehensive document not only lists the equipment available for purchase, but also lends insight to our related experience in designing and producing production run equipment and specially modifying precise electronic instrumentation.

The latter half of 1960 saw the emergence of Vitro Electronics from its former trade name Nems-Clarke Company, a Division of the Vitro Corporation of America. We will continue to manufacture the excellent Nems-Clarke equipment and in addition, Vitro Electronics will creatively expand toward a diversified product line and seek to enlarge its varied electronics systems management capabilities.

Before broadening this particular discussion to include systems management, perhaps the long and successful history of our company should be elaborated upon in greater detail.

Vitro Electronics and its corporate predecessors have for the past 60 years manufactured electrical apparatus. In February 1899, the original corporation, called National Electrical Supply Company was incorporated.

When radio communication was in its infancy, this company developed

transmitters and receivers under Signal Corps and Navy contracts. The oldest order of which we have a copy is for a transmitter-receiver for the Signal Corps and is dated April 24, 1910. The company archives, however, contain a photograph of a transmitter built for the Navy in 1909. This was our entry into the field of electronics. Hundreds of receivers, transmitters and high-frequency generators were built for the Navy and other branches of the Service during World War I. Between the two world wars the company continued as a prime contractor to various branches of the Service, building a great variety of communication and electronic equipment. The corporate name was changed in 1937 to National Electrical Machine Shops, Inc., better known as NEMS.

In 1951 Clarke Instrument Corporation, a firm engaged in the design and development of electronics equipment, was merged with NEMS. For several years Clarke Instrument continued as a division of the company, operating primarily for the development of proprietary items in the field of electronics. In January 1955, the name of the company was changed to Nems-Clarke, Incorporated. In September 1957, Nems-Clarke became an operating division of Vitro Corporation of America. Since 1955, the company has undergone a transition from predominantly contract manufacturing to engineering development and manufacture of these developments. Our engineering staff has gradually expanded on a planned and sound basis. As a result we now have engineers second to none in their field. We are dedicated to a continued sound yet rapid expansion of our engineering staff, both in numbers and diverse ability. This will permit us to provide even greater service to our many valued customers who look to us for the complete package of product development and manufacture.

We are the oldest company in this country with a continuous history of manufacturing in electronics. The addition of extremely capable development engineering ability to our long manufacturing experience provides the ability to offer outstanding equipment in our proprietary product line and complete service on contract engineering and manufacturing.

The purpose of this catalog is to present as complete a picture as possible of our plant and facilities and to introduce to you our proprietary products now so widely used in the broadcasting, telemetering, photography, communication, medical electronics, and special equipment areas.

We extend a cordial invitation to you to visit us so that you may see at first hand one of the most complete operations in the industry for the development and manufacture of complex electronic equipment.

End of BOATANCHORS Digest 3436
